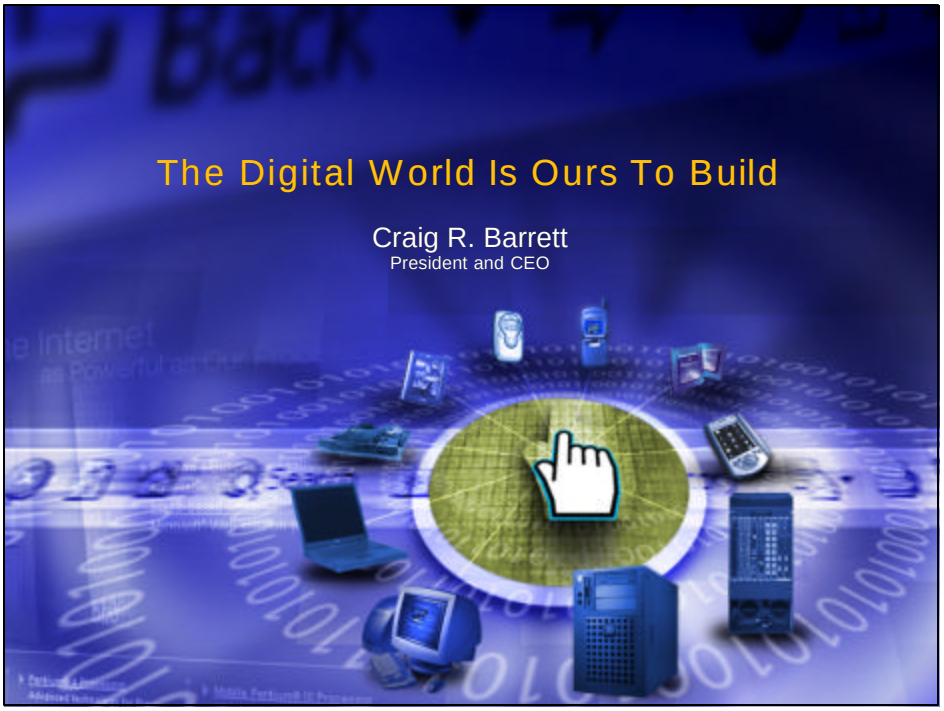
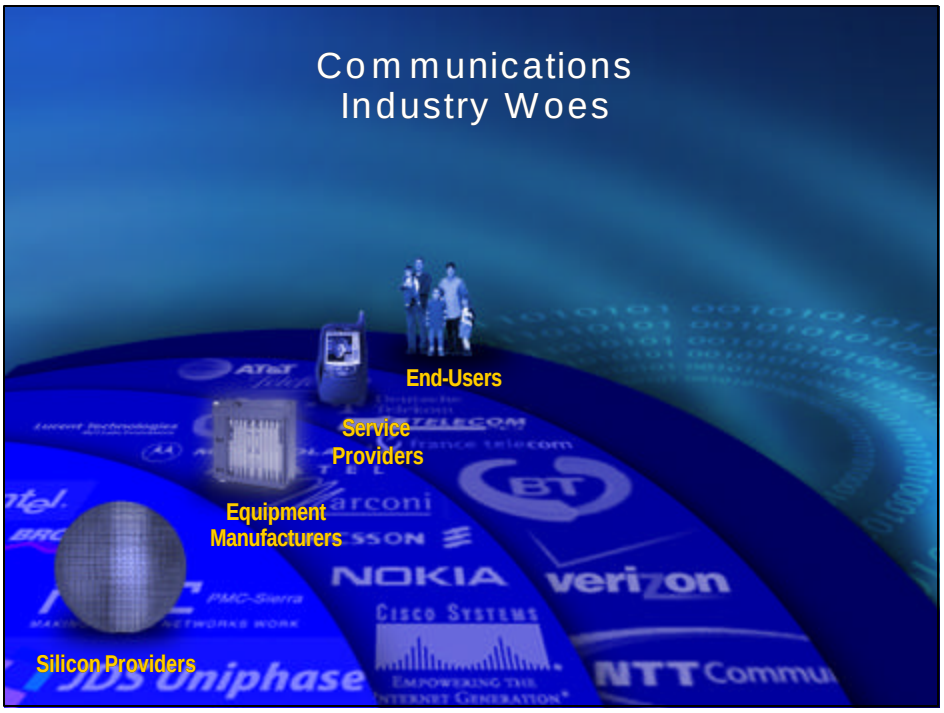

intel


The Digital World Is Ours To Build
Craig R. Barrett
President and CEO


Agenda
From the depths
Principles of evolution
Our industry


Computing and Communications
State of the Industry
Don't Be A
Dot-
BOMB
Lucent Trims Debt but Loans
Top web retailer collapses
RED HERRING
CRISIS


Communications
Industry Woes
End-Users
Service
Providers
Equipment
Manufacturers
Silicon Providers
NOKIA
verizon
Cisco Systems
JDS Uniphase
PMC-Sierra

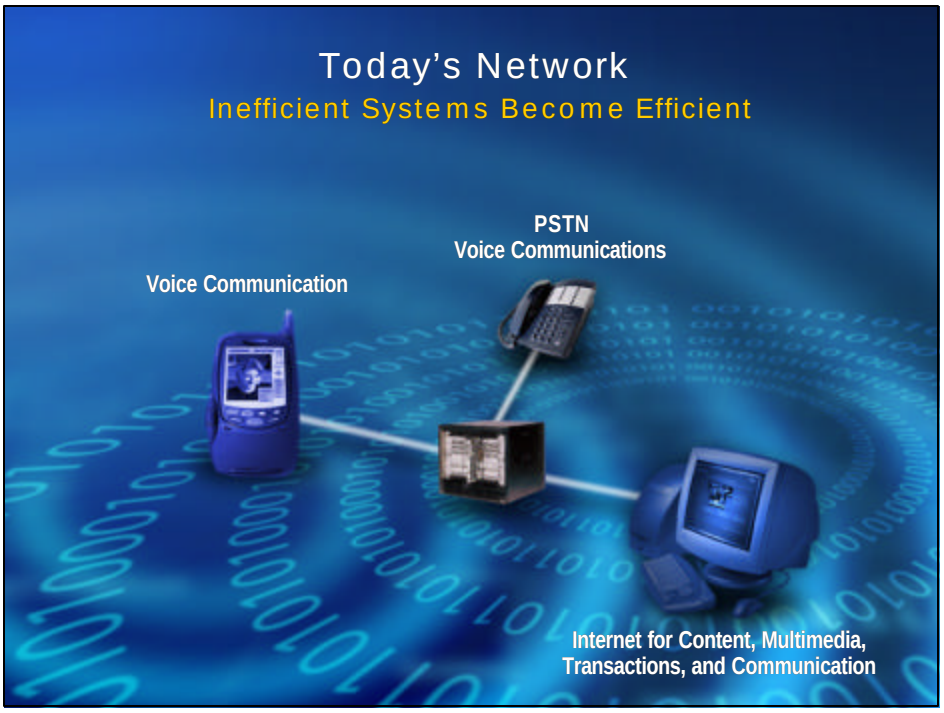

Welcome to the Digital World


Every 2 minutes. . .
70
new users signed up
for NTT DoCoMo
Every 2 Minutes. . .
every2min_v3.exe


Worldwide Build-out


The Internet is still growing


Principles of Evolution
Inefficient Systems Become Efficient
PSTN
Voice Communications
Voice Communication
Three Networks
Voice, Data, Wireless
Internet for Content, Multimedia,
Transactions, and Communication


Today's Network
Inefficient Systems Become Efficient
PSTN
Voice Communications
Voice Communication
Internet for Content, Multimedia,
Transactions, and Communication


Next Generation Network
Inefficient Systems Become Efficient
IP

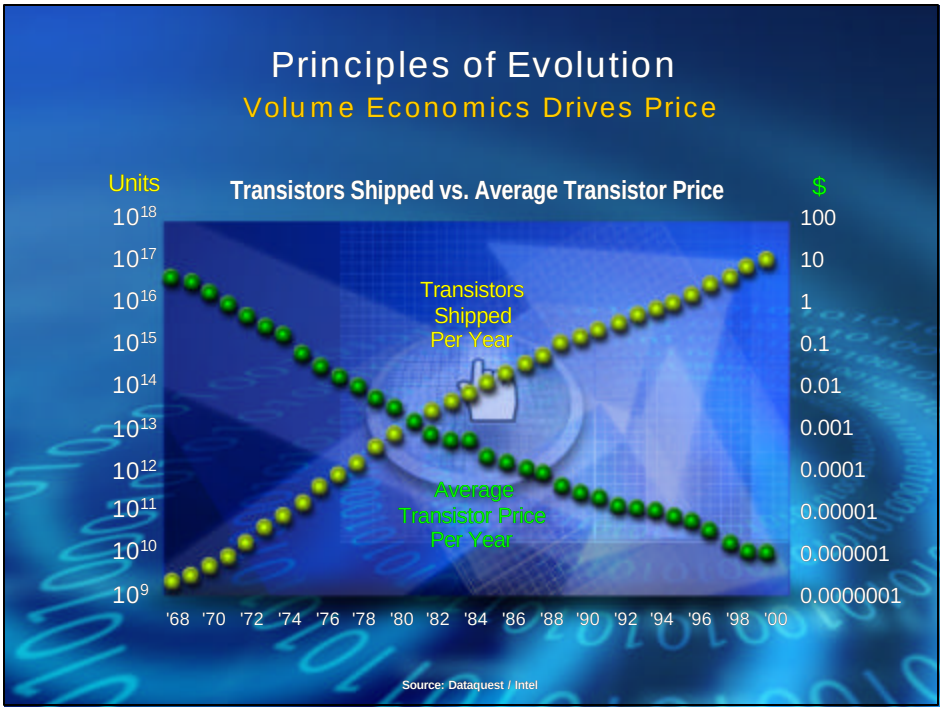
Principles of Evolution

Faster Replaces Slower



Principles of Evolution

Volume Economics Drives Price

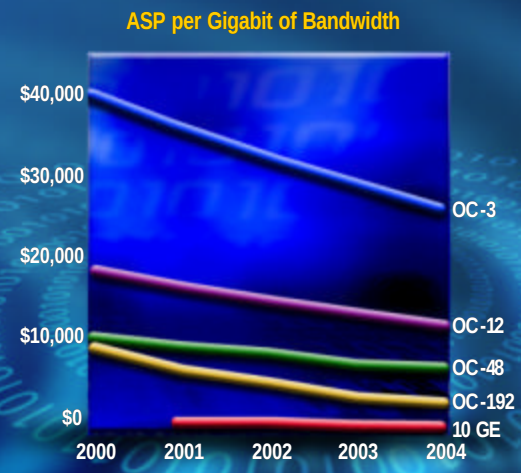


Principles of Evolution

Volume Economics Drives Price

Ethernet

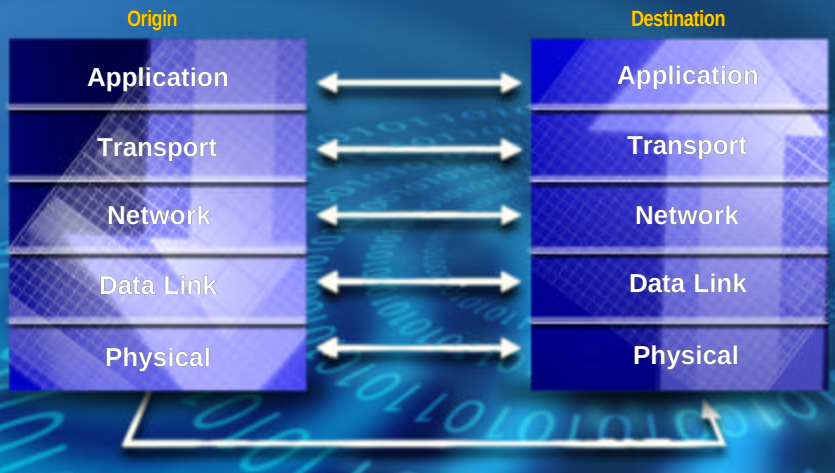
- Lowest cost structure
- Evolutionary, based on industry standards
- High performance
- Scalability



Principles of Evolution

Open Standards Drive Volume

IP Network Reference Model



Technology always moves forward



Our Industry

Global IP networks…

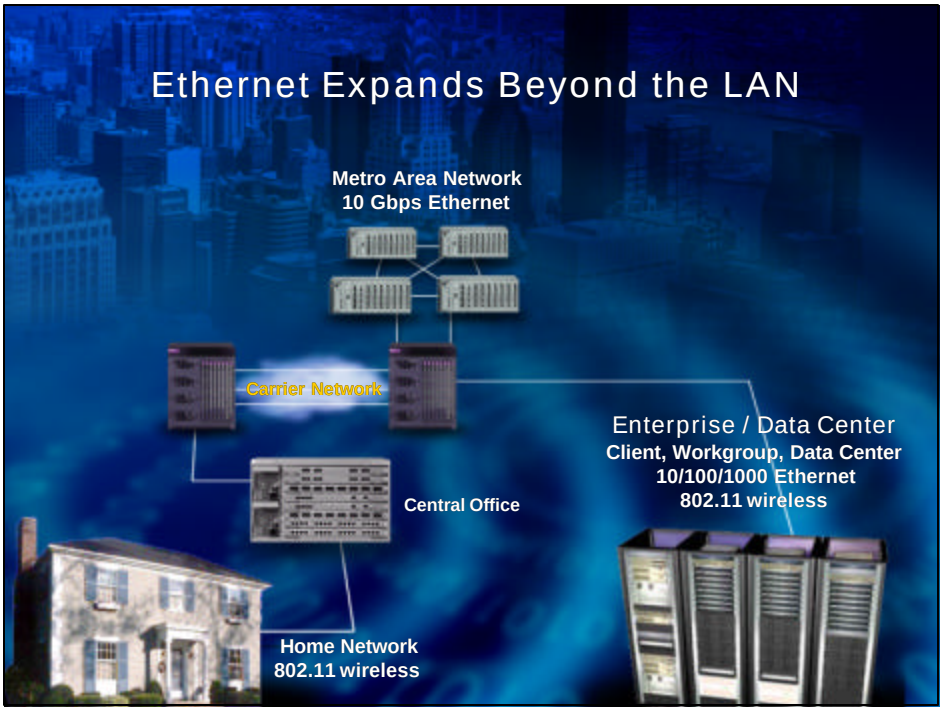
connecting billions of clients…

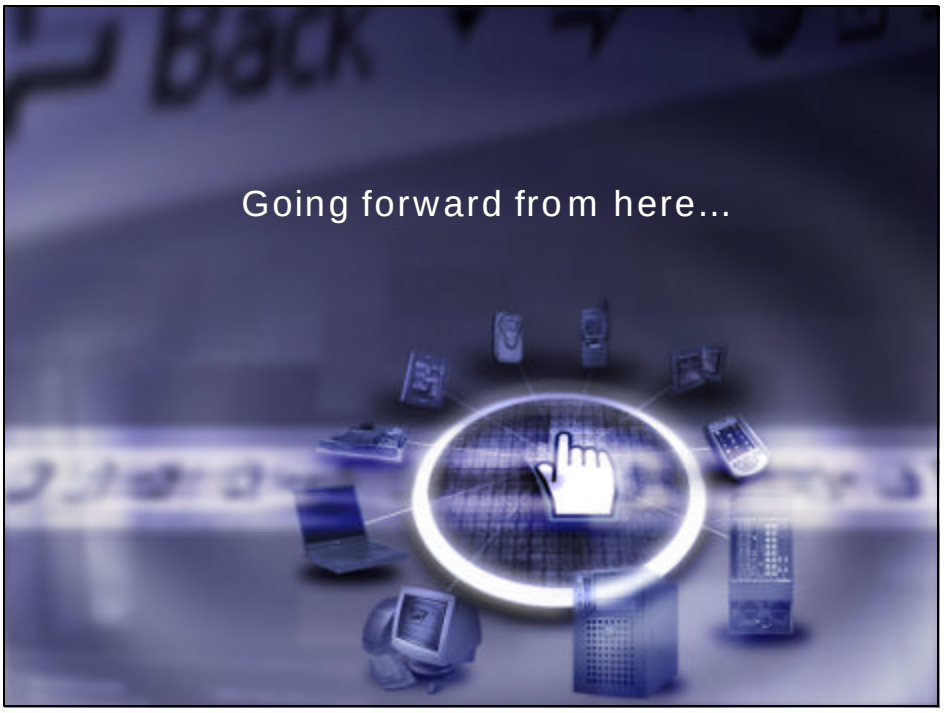
to ubiquitous servers

Key Technology Trends of the Next Generation Network

- Network efficiency
- Programmability and flexibility
- Low power, high density, high performance
- Ethernet invades the Network

Ethernet Expands Beyond the LAN




Going forward from here...


Storage Hardware Installation
IP


Address
http://www.cocacola.com/
Coca-Cola
VIRAGE
Coca-Cola


Home Server
Hello Patty
Listen
View
My Internet
Communicate
Manage
Audio
Telephony
Video
Internet


NBA.com - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Address http://www.nba.com/index.html
NBA WNBA
Global
nba.com
CENTER COURT LIVE
LIVE GAME
Teams
Players
News
Features
Analysis
Multimedia
Transactions
CONVERA
About Convera
What We Do


2netFX
ENTERPRISE STREAMING
2netFX



Intel's Role

Architectures for the Internet



Summary

- The Internet is still growing
- Technology always moves forward
- Computing and communications continue to merge
- Our collective investment to enable new capabilities is key

The Digital World is Ours to Build




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